



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Monday Evening, January 14, 2008

Electricity

First Nor'easter of 2008 Knocks out Power to Over 89,000 Customers in Connecticut, Massachusetts and Rhode Island January 14

The first Nor'easter of 2008 has brought heavy snow fall and icy conditions to many states throughout the Northeast. At its height, the storm knocked out power to over 36,000 Connecticut Power & Light Customers; as of 3:00 p.m. EST, all but 7,559 customers have been restored. Throughout Massachusetts, 17,000 NSTAR customers are without electricity as of 2:28 p.m. EST with a company representative saying crews were working to restore power to all customers by the end of today. Western Massachusetts Electric reported 10,000 customers without power as of 2:30 p.m. EST and National Grid of Massachusetts reports an additional 15,800 customers without power. National Grid of Rhode Island reported approximately 11,000 customers without power at the height of the storm's damage and as of 1:30 p.m. EST, all but 1,500 customers have been restored.

<http://www.thebostonchannel.com/news/15044620/detail.html>

<http://www.cl-p.com/stormcenter/outage.aspx>

<http://www.courant.com/news/custom/topnews/hcu-monstorm-0114.0.5374260.story?coll=hc-headlines-local>

<http://www.eyewitnessnewstv.com/Global/story.asp?S=7621283&nav=F2DO>

Wolf Creek Nuclear's 1,165 MW Wolf Creek Nuke Unit 1 in Kansas Shut January 12

The unit shut down because water piping became filled with pockets of gas, a company representative reports. According to the Nuclear Regulatory Commission, the unit was operating at 100 percent on January 11.

Bloomberg News, 10:59 January 14, 2007

Information also derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Entergy's 1,207 MW Grand Gulf Nuke Unit 1 in Mississippi Shut January 12

The unit was shut because of degraded cooling to main transformers and an electrical fault which is being examined, a company representative reported.

Bloomberg News, 10:15 January 13, 2008

Information also derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Entergy's 730 MW Palisades Nuke Unit in Michigan Shut January 14

The unit was shut due to a loss of a main feed water pump a company representative said. According to the Nuclear Regulatory Commission, the unit was operating at 100 percent on January 13.

Bloomberg News, 10:15 January 13, 2008

Information also derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: Exelon's 1,161 MW Braidwood Nuke Unit 1 in Illinois at Full Power January 12

According to the Nuclear Regulatory Commission, the unit was operating at 77 percent on January 11.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: Exelon's 1,116 MW Peach Bottom Nuke Unit 2 in Pennsylvania at Full Power January 13

According to the Nuclear Regulatory Commission, the unit was operating at 84 percent on January 12.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: PPL's 1,105 MW Susquehanna Nuke Unit 1 in Pennsylvania at Full Power January 14

According to the Nuclear Regulatory Commission, the unit was operating at 84 percent on January 13.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: AEP's 1,060 MW D.C. Cook Nuke Unit 2 in Michigan at Full Power January 14

According to the Nuclear Regulatory Commission, the unit has returned to full power after it was operating at 55 percent on January 13.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: Edison Mission Energy's 590 MW Sunrise Power Project Aggregate II Gas-fired Unit in California Returns to Service January 11

According to the California Independent System Operator, the unit returned to service following an unplanned curtailment of 314 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200801111515.html>

Update: Exelon's 855 MW Quad Cities Nuke Unit 1 in Illinois Ramped Up to 97 Percent January 14

According to the Nuclear Regulatory Commission, the unit was operating at 78 percent on January 13.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: AmerGen's 619 MW Oyster Creek Nuke Unit in New Jersey Ramped Up to 92 Percent January 13

According to the Nuclear Regulatory Commission, the unit has ramped to 92 percent after it was operating at 69 percent on January 12.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: Exelon's 1,111 MW La Salle Nuke Unit 1 in Illinois Ramped Up to 81 Percent January 14

According to the Nuclear Regulatory Commission, the unit was operating at 68 percent on January 13.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Wartsila Corporation Awarded Contract to Build 203 MW Gas-fired Power Plant in Texas January 14

The South Texas Electric Cooperative (STEC) awarded Wartsila Corporation an equipment supply contract to build a new gas-fired plant to be located fifty miles Southwest of San Antonio. The company is projecting the first 75 MW of the Pearsall Power Plant to enter commercial operation in late 2009, with the remaining 128 MW beginning commercial operation by the end of 2010.

<http://www.wartsila.com/en.press.0,,84D32010-1781-4266-B745-E723DEB54827,...,htm>

British Columbia Transmission Corp Plans \$5.1 Billion Investment in Electricity System Upgrades

British Columbia Transmission Corporation (BCTC) has filed its Ten Year Capital Plan with the BC Utilities Commission which identifies several major projects required to ensure continued delivery of reliable electricity; some of which include expanding and enhancing the existing electricity infrastructure, integrating and investing in clean and renewable energy, and investing in innovation and new digital technologies to extend life to British Columbia's aging transmission system.

http://www.bctc.com/NR/rdonlyres/86C4D5A8-288F-4169-9196-0B7AF2BF6095/0/NRCapPlan200809Jan10_08.pdf

Bonneville Power Administration's Wind Generation Surpasses the 1,000 MW Mark

With states calling for the addition of more clean, renewable sources of energy to the region's power supply, Bonneville Power Administration (BPA) reached a major milestone for the Northwest region by delivering over 1,000 mw of wind generated electricity to the power grid for the first time. To date, BPA has connected 13 wind projects to the region's transmission grid.

<http://www.bpa.gov/corporate/BPAnews/nreleases.cfm>

TransAlta's 406 MW Sundance Coal-fired Unit 4 in Alberta Shut January 12

Reuters, 10:42 January 14, 2008

TransAlta's 399 MW Sundance Coal-fired Unit 6 in Alberta Shut January 13

Reuters, 10:42 January 14, 2008

OPG's 494 MW Lambton Coal-fired Unit 2 in Ontario Shut January 14

Reuters, 10:42 January 14, 2008

Update: Bruce Power's 822 MW Bruce Nuke Unit 5 in Ontario at Full Power January 11

Reuters, 13:20 January 11, 2008

Petroleum

Emissions Event Reported at Valero's 218,500 b/d Texas City, Texas Refinery January 13

According to a filing with state regulators, the tower in Complex 7 began emitting carbon monoxide, sulfur dioxide and other chemicals into the air. The emissions, lasting over an hour, were routed to a flare control device.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=102323>

Equipment Malfunction Reported at ExxonMobil's 348,500 b/d Beaumont, Texas Refinery January 11

According to a filing with state regulators, a faulty valve resulted in the misdirection of CHD gasoline to Tank 5003. CHD, catalytic hydrodesulfurization, is a process used to remove sulfur from sulfur-bearing fuel oils. The misdirected line up was corrected and Tank 5003 was turned over to correct contents.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=102319>

Motiva to Begin Maintenance at its 285,000 b/d Port Arthur Refinery in Texas January 14

According to a filing with state regulators, the company has shut down the waste heat boiler due to persistent leaks and will be shut until February 3 following repairs.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=101990>

Chemical Release Reported at Valero's 166,000 b/d Paulsboro Refinery in New Jersey January 11

The company reported a "brief instrument problem" which led to the release of hydrogen sulfide. The incident did not impact production a company representative said in an interview.

Bloomberg News 10:11 January 14, 2008

Shell Declares Force Majeure on Nigeria's Forcados Oil Exports Terminal Oil January 11

Suspending contractual obligations and deliveries, Shell declared a force majeure on crude shipments from its Forcados export terminal in Nigeria after last week's pipeline attacks. Oil output was around 100,000 b/d at the Forcados and was expected to reach 200,000 b/d by mid-April a company representative said.

Reuters, 12:06 January 14, 2008

Electrical Failure Partially Shuts PDVSA's 640,000 b/d Amuay Refinery in Venezuela January 12

The state-owned company said the shutdown would not affect exports and believes that the refinery will be functioning fully within five days.

Reuters, 17:29 January 12, 2008

Natural Gas

SRU Shut at 160 MMcf/d Goldsmith Natural Gas Plant in Texas January 11

The SRU, Sulfur Recovery Unit, was shut due to a sulfur restriction in the Cold Bed Absorption (CBA) combustion air feed line to the CBA re-heater, according to a filing with state regulators. The plant monitored conditions and placed the SRU on-line as soon as repairs were complete.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102311>

Prometheus Energy Begins Construction on its LNG Plant in Utah January 14

With construction underway on phase 1 of the project, Prometheus Energy expects commercial production of 12,000 gal/day of LNG to begin in the second quarter of 2008. The project's second phase will start late in 2008 and will increase the plant output to 22,000 gal/day of LNG.

<http://www.prometheus-energy.com/news/EncanaConstructionPR--USFinal.pdf>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
January 14, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	93.43	95.29	52.96
NATURAL GAS Henry Hub \$/Million Btu	8.13	7.51	5.97

Source: Reuters

Energy Notes

Update: Progress Energy Begins Planning for New Transmission Lines in Central Florida to Accommodate Possible New Nuclear Plant in Florida

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=9549705

New Mexico Governor Richardson Orders Six-Month Moratorium on Drilling in Galisteo Basin New Mexico –Tecton Energy's Plans to Explore for Oil and Gas Halted

http://pro.energycentral.com/professional/news/gas/news_article.cfm?id=9561107

High Discharge Line Pressure Shuts Units for Seven Hours at A-10 Hutt Compressor Station in Texas January 12

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102322>

Chevron to Investigate Sulfur Oxide Release of Coker Unit Flaring at its 274,000 b/d El Segundo Refinery in California January 13

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/b862891bbfc74988882573cf003c5864?OpenDocument>

NMC's 1,137 MW Prairie Island Nuclear Plant in Minnesota at Placed on High Alert Following Nearby Truck Explosion January 13

<http://wcco.com/local/Prairie.Island.nuclear.2.628977.html>

Shell, ExxonMobil Begin Oil and Natural Gas Output from Starling Field in North Sea on Schedule – Peak Gas Production Estimated at 140 MMc/d

Bloomberg News, 09:14 January 14, 2008

PG&E Worker Electrocuted While Restoring Power in California January 12

<http://www.topix.net/content/cbs/2008/01/pg-e-worker-electrocuted-while-restoring-power>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/index.aspx>.

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